

bathymetric

Location: naturalresources\bathymetric

Description

This layer consists of bathymetric (water depth) contour lines in 3-foot intervals as of 1992 for Bay County's saltwater, including St Andrew Bay, Grand Lagoon, East Bay, West Bay, North Bay, and Gulf of Mexico. The layer consists of arc features only.

Coordinate system: State Plane, Florida North Zone, Datum NAD83, feet (see **.prj** file)

Source

During 1991 – 1992, contours from National Oceanic and Atmospheric Administration (NOAA) nautical charts were digitized by GEONEX (now known as Avineon Inc, Baymont Division, of Clearwater FL). The source charts were on clean, wrinkle-free paper and the most current versions available at that time. The source charts varied in scale from 1:10,000 to 1:80,000, but in all cases, the largest-scale charts available were used. (Usually, bays were digitized from 1:40,000-scale charts and offshore areas from 1:80,000-scale charts.) GEONEX staff members also interpolated additional contours not present on the charts. GEONEX gave the data to the Florida Marine Research Institute (FMRI) as regional coverages. FMRI appended these coverages in ArcInfo to make a statewide data set.

In April 2004, Bay County GIS staff downloaded nearshore bathymetry data from FMRI's internet map server MRGIS at <http://ocean.floridamarine.org/mrgis> (or www.floridamarine.org > GIS and Mapping). Metadata was also downloaded; see accompanying **.htm** file. Bay County GIS staff reprojected from Albers NAD83 meters and clipped to **countygulf.shp** area. Data looks same as previous data obtained about 2000-2002 by Bay County / Panama City GIS staff via consultant Camp Dresser & McKee Inc, except this data includes the Gulf. Bay County GIS staff added the **waterbody** attribute.

This data does not contain a 0-foot contour (i.e. no shoreline). For shoreline, county.shp may be used for graphic purposes; however, it is from a different source and may not match exactly.

This data may contain attribute and positional inaccuracies. These data are not to be used for navigation. User should be aware that later versions of the source charts may be available and that contours may have changed. Consult the appropriate coast pilot and the most recent paper or digital charts available.

This data is provided with the understanding that the conclusions drawn from such information are solely the responsibilities of the user. The GIS data is not a legal representation of the features depicted, and any assumption of the legal status of this data is hereby disclaimed. Errors or omissions should be reported to the Bay County GIS Division 850-784-6171.

Attribute Table Structure

Item Name	Width	Output	Type	Decimals
depth	11	11	I	0
waterbody	10	10	C	-

Attributes

depth

Indicates depth (in feet) of the shallowest contour represented by the line. In cases where a non-depth item is represented, a special 3-digit number is used to describe the feature. The following are values:

3 = 3 feet

6 = 6 feet

12 = 12 feet

18 = 18 feet

30 = 30 feet

60 = 60 feet

100 = 100 feet

555 = exposed at mean lower low water

777 = dredged channel

888 = spoil

waterbody

Indicates Gulf or Bay.